



U.S. Dept. of Commerce  
Patent and Trademark Office

LIST OF DISCLOSURES CITED BY APPLICANT

(use several sheets if necessary)

Atty Docket No.  
554C1

Serial No.  
08/048,346

Applicant  
Robert M. Hudziak et al.

Filing Date  
15 April 1993

Group  
1805

U.S. PATENT DOCUMENTS

*Examiner Initials	Document Number	Date	Name	Class	Subclass	Filing Date
RKB	AA 4,761,371	8/2/88	Bell et al.	435	6.1	
	AB 4,968,603	11/6/90	Slamon et al.	435	6	
	AC 4,935,341	6/19/90	Bargmann et al.	435	6	
*Examiner Initials	OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Etc.)					
RKB	AD	Hopp et al., "Prediction of protein antigenic determinants from amino acid sequences", PNAS, 78(6):3824-3828 (1981)				
	AE	Schein, Catherine H., "Production of soluble recombinant proteins in bacteria", Bio/Technology, 7:1141-1149 (1989)				
	AF	Kane et al., "Formation of recombinant protein inclusion bodies in Escherichia coli", Tibtech, 6: 95-101 (1988)				
	AG	Hudziak et al., "Increased Expression of the Putative Growth Factor Receptor p185 <sup>HER2</sup> Causes Transformation and Tumorigenesis of NIH 3T3 Cells", PNAS, 84: 7159-7163 (1987)				
	AH	Akiyama et al., "The Product of the c-erbB-2 gene: A 185 Kilodalton Glycoprotein with Tyrosine Kinase Activity", Science, 232: 1644-1646 (1986)				
	AI	Semba et al., "A v-erbB-related protooncogene c-erbB-2, is distinct from the c-erb-B-1/epidermal growth factor-receptor gene and is amplified in a human salivary gland adenocarcinoma" PNAS 82: 6497-6501 (1985)				
	AJ	Yamamoto et al., "Similarity of Protein Encoded by the Human c-erbB-2 Gene to Epidermal Growth Factor Receptor", Nature, 319: 230-234 (1986)				
	AK	Bargmann et al., "The neu oncogene encodes an epidermal growth factor receptor-related protein", Nature, 319: 226-230 (1986)				
	AL	Coussens et al., "Tyrosine Kinase Receptor with Extensive Homology to EGF Receptor Shares Chromosomal Location with neu Oncogene", Science, 230: 1132-1139 (1985)				
	AM	Schechter et al., "The neu oncogene: an erb-B-related gene encoding a 185,000-M <sub>r</sub> tumour antigen", Nature, 312: 513-516 (1984)				
	AN	Slamon et al., "Human Breast Cancer: Correlation of Relapse and Survival with Amplification of the HER-2/neu Oncogene", Science, 235: 177-182 (1987)				
	AO	Hudziak et al., "p185 <sup>HER2</sup> Monoclonal Antibody has Anti-Proliferative Effects in Vitro and Sensitizes Human Breast Tumor Cells to Tumor Necrosis Factor", Mol. Cell. Biol., abs 105430, 9(3): 1165-1172 (1989)				
	AP	Drebin et al., "Inhibition of Tumor Growth by a Monoclonal Antibody Reactive with an Oncogene-Encoded Tumor Antigen", PNAS, 83: 9129-9133 (1986)				
	AQ	Padhy et al., "Identification of a Phosphoprotein Specifically Induced by the Transforming DNA of Rat Neuroblastomas", Cell, 28: 865-871 (1982)				
	AR	Bernards et al., "Effective tumor immunotherapy directed against an oncogene-encoded product using a vaccinia virus vector", PNAS, 84: 6854-6858 (1987)				
	AS	Drebin et al., "Monoclonal antibodies specific for the neu oncogene product directly mediate anti-tumor effects in vivo", Oncogene, 2(4): 387-394 (1988)				
✓	AT	Drebin et al., "Down-modulation of an oncogene protein product in reversion of the transformed phenotype by monoclonal antibodies", Cell, 41(3): 697-706 (1985)				

Examiner

K. Bahn

Date Considered

8/23/93

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

MAIL ROOM

JUL  
19  
1993FORM PTO-1443  
99U.S. Dept. of Commerce  
Patent and Trademark OfficeSheet 2 of 2LIST OF DISCLOSURES CITED BY APPLICANT  
& TRADEMARK OFFICE

(Use several sheets if necessary)

Atty Docket No.  
554C1Serial No.  
08/048,346Applicant  
Robert M. Hudziak et al.Filing Date  
15 April 1993Group  
1805

*Examiner Initials		OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Etc.)
<i>RKB</i>	BA	Drebin et al., "Monoclonal antibodies reactive with distinct domains of the <i>neu</i> oncogene-encoded p185 molecule exert synergistic anti-tumor effects <i>in vivo</i> ", <i>Oncogene</i> , 2: 273-277 (1988)
	BB	Yarden et al., "Growth Factor Receptor Tyrosine Kinases", <i>Ann. Rev. Biochem.</i> , 57: 443-478 (1988)
	BC	Yarden et al., "Molecular Analysis of Signal Transduction by Growth Factors", <i>Biochem.</i> , 27(9): 3113-3119 (1988)
	BD	Yokota et al., "Genetic alterations of the <i>c-erbB-2</i> oncogene occur frequently in tubular adenocarcinoma of the stomach and are often accompanied by amplification of the <i>v-erbA</i> homologue", <i>Oncogene</i> , 2: 283-287 (1988)
	BE	Zhou et al., "Association of Multiple Copies of the <i>c-erbB-2</i> Oncogene with Spread of Breast Cancer", <i>Cancer Res.</i> , 47: 6123-6125 (1987)
	BF	King et al., "Amplification of a Novel <i>v-erbB</i> -Related Gene in a Human Mammary Carcinoma", <i>Science</i> , 229: 974-976 (1985)
	BG	Kraus et al., "Overexpression of the EGF receptor-related proto-oncogene <i>erbB-2</i> in human mammary tumor cell lines by different molecular mechanisms", <i>EMBO J.</i> , 6(3): 605-610 (1987)
	BH	Van de Vijver et al., "Amplification of the <i>neu</i> ( <i>c-erbB-2</i> ) Oncogene in Human Mammary Tumors Is Relatively Frequent and Is Often Accompanied by Amplification of the Linked <i>c-erbA</i> Oncogene", <i>Mol. Cell. Biol.</i> , 7(5):2019-2023 (1987)
	BI	Margalit et al., "Prediction of Immunodominant Helper T Cell Antigenic Sites from the Primary Sequence", <i>J. Immunol.</i> , 138(7): 2213-2229 (1987)
	BJ	Yanisch-Perron et al., "Improved M13 phage cloning vectors and host strains: nucleotide sequences of the M13mp18 and pUC19 vectors", <i>Gene</i> , 33: 103-119 (1985)
	BK	Graham et al., "A New Technique for the Assay of Infectivity of Human Adenovirus 5 DNA", <i>Virology</i> , 52:456-467(1973)
	BL	Kaufman et al., "Amplification and Expression of Sequences Cotransfected with a Modular Dihydrofolate Reductase Complementary DNA Gene", <i>J. Mol. Biol.</i> 159: 601-621 (1982)
	BM	Shepard et al., "P185 <sup>HER2</sup> Monoclonal Antibody has Anti Proliferative Effects <i>in vitro</i> and sensitizes human breast tumor cells to tumor necrosis factor", <i>J. Cell Biochem.</i> , p. 42, abs. D253 (1989)
	BN	Yarden et al., "Epidermal Growth Factor Induces Rapid Reversible Aggregation of the Purified Epidermal Growth Factor Receptor", <i>Biochem.</i> , 26: 1443-1451 (1987)
<i>Y</i>	BO	Hudziak et al., "Amplified Expression of the HER2/ERBB2 Oncogene Induces Resistance to Tumor Necrosis Factor Alpha in NIH 3T3 Cells", <i>PNAS</i> , 85: 5102-5106 (1988)

Examiner

*K. Bahr*

Date Considered

9/23/93

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.